A STUDY OF ONE-DIMENSIONAL MOVING BOUNDARY PROBLEMS INVOLVING PHASE CHANGE AND DIFFUSION LOGISTIC POPULATION MODELS



The thesis submitted in partial fulfillment for the award of degree DOCTOR OF PHILOSOPHY

by

ABHISHEK KUMAR

DEPARTMENT OF MATHEMATICAL SCIENCES
INDIAN INSTITUTE OF TECHNOLOGY
(BANARAS HINDU UNIVERSITY)
VARANASI-221005

Roll No.: 17121024 Year of submission: 2023